

Chapter 16 Study Guide
Sensory, Motor, and Integrative Systems
Tortora & Derrickson

1. What is the function of a sensory receptor?
2. >What is a transducers?
3. What stimulus may activate receptors?
4. >What is the difference between the general and special senses?
5. >What is proprioception? Where are the receptors for proprioception located? What are the receptors called? Where is the sensation for proprioception sent?
6. >What is motor control?
7. How many neurons are needed to link the precentral gyrus to a skeletal muscle?
8. >In motor control, what is the significance between intent and performance? What brain structure compares the intent and the performance?
9. What term describes a motor program within the spinal cord? Where are they located in the spinal cord?
10. >What is a nociceptor? Where are they not located?
11. What type of chemicals can stimulate nociceptors? Where do these chemicals come from?
12. Is pain a good or bad sensation? Explain. (Think about neuropathy)
13. What is the difference between somatic and visceral pain?
14. What is an analgesic?